

**I CLAIM:**

1. Electric hairdressing device comprising:

several hair curlers each having a hair contact surface and a heat store;

a container for storing and heating the hair curlers a heating device associated with the storage

container and comprising at least one heating element for heating the hair curlers;

each heat store having a heating element receptacle formed such that the hair curler can be detachably placed onto a heating element;

wherein the hair curlers are held such that a first end section is freely accessible;

an application handle for grasping and wrapping of the hair curler in a torsion-tight configuration which comprises a hair curler finger pivotably attached for holding a strand of hair between the hair curler finger and the hair contact surface of a hair curler.

2. Hairdressing device as claimed in claim 1, wherein the hair curlers hair contact surface is smooth.

3. Hairdressing device as claimed in claim 1 or 2, wherein the heating element receptacle of the heat store of the hair

1 curlers is disposed along the longitudinal length of the  
2 hair curler and is closed annularly and that each hair  
3 curler is associated with a separate heating element.  
4

5 4. Hairdressing device as claimed in one of claims 1 to 2,  
6 wherein each hair curler comprises at least one receptacle  
7 following the longitudinal length of the hair curler and the  
8 application handle having a blade-like extension for  
9 insertion into the receptacle, the receptacle being  
10 contoured to fit torsion-tight on the blade-like extension.  
11

12 5. Hairdressing device as claimed in claim 4, wherein the  
13 at least one receptacle terminates exclusively toward the  
14 first end section opposing the heating element receptacle of  
15 the hair curlers.  
16

17 6. Hairdressing device as claimed in one of claims 1 to 2,  
18 wherein at least one heating elements are disposed in a  
19 common chamber in the storage container with the hair  
20 curlers placed on the heating elements such that they  
21 project into the chamber and that the storage container  
22 comprises a vapor generator for the optional generation of  
23 vapor of a liquid within the chamber.  
24

1 7. Hairdressing device as claimed in one of claims 1 to 2,  
2 wherein the hair curlers comprise an electrically non-  
3 conducting surface coating on the hair contact surface.  
4

5 8. Hairdressing device as claimed in claim 7, wherein  
6 several heating elements are disposed in a common chamber in  
7 the storage container and the hair curlers placed onto the  
8 heating element(s) such that they project into the chamber,  
9 and that the storage container comprises an ionization  
10 device active in the chamber.  
11

12 9. Hairdressing device as claimed in one of claims 1 to 2,  
13 wherein the storage container further comprises a pocket for  
14 the insertion of the application handle  
15

16 10. Hairdressing device as claimed in claim 9, wherein the  
17 hair curler finger has an electrically non-conducting  
18 surface coating and the pocket is formed such that the hair  
19 curler finger to extend into the chamber.  
20

21 11. Hairdressing device as claimed in one of claims 1 to 2,  
22 wherein the heat store of the hair curlers have a  
23 temperature between 90°C and 110°C after they have been  
24 heated.  
25

1 12. Hairdressing device as claimed in one of claims 1 to 2,  
2 wherein the heat store of the hair curlers have a  
3 temperature between 95°C and 105°C after they have been  
4 heated.  
5

6 13. Hair curler, in particular for a hairdressing device as  
7 claimed in one of claims 1 to 2, wherein it consists  
8 essentially of a heat store body and that it has a smooth  
9 surface at least on the hair contact surface.  
10

11 14. Hair curler as claimed in claim 12, wherein the hair  
12 contact surface of the hair curler is coated such that it is  
13 electrically non-conducting.  
14

15 15. Hair curler as claimed in claim 13, wherein the coating  
16 is a ceramic coating.  
17  
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